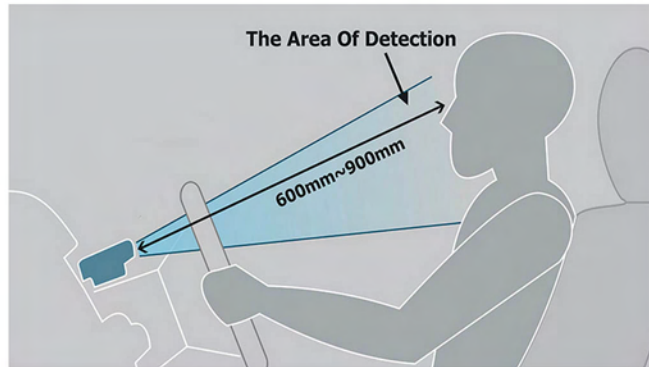
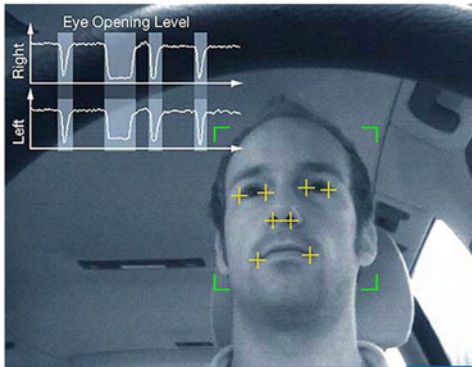


## ANTI-FATIGUE DRIVING SYSTEM

Drivers normally aren't aware of fatigue driving before the actual accident happens.

The Anti-Fatigue Driving System is based on an advanced **face recognition technology**, which detects the position of the pupils in the face and calculate eye closure percentage, comparing it with normal driving pattern.



The Anti-Fatigue Driving System will make a sharp and loud sound not only when fatigue is detected but also:

The driver does not focus on driving and talks to back passenger.

The driver bows head and gazes around or spends considerable amount of time operating audio and navigation systems.

Excellent detection ability for glasses. Driver can wear regular glasses or sunglasses.

It works during daylight or night.

Very low power consumption: 12V - 100mA ; 24V - 60mA.

Car USB power supply can operate from 8V to 30V wide voltage range, which is suitable for both 12V and 24V car batteries, and also has a good peak-voltage protection solution.

Power connection and signal output: 5-pin cable.

Optional Speed Detection by GPS module (magnet) to set alarm depending on speed.



Easy Installation



Optional GPS Module

## ANTI-FATIGUE DRIVING SYSTEM

### 1. Driver Fatigue Alarm

DF24001 uses unique pupil identification technology to detect the pupil's changing characteristics, analyze the eye's fatigue condition, accurate early warning for real fatigue.



### 2. Driver Looking Around Alarm

DF24001 focuses entirely on the driver's alertness levels or inattention to the road ahead regardless of time of day or weather conditions. When driver looking around or not concentrate on the road, DF24001 will make alarm to remind drivers.

### 3. Detect Vehicle Speed

DF24001 has a built-in GPS speed detection module, can automatically detect vehicle's speed. When the immediate speed is lower than setting one, DF24001 won't alarm even fatigue characteristics is detected. This function can avoid false alarm and reduce interference to drivers during car's parking, reversing, or low speed.

### 4. Over Speed Alarm

Customer can set over speed via the hand setting instrument or data collection box, when vehicle is over speed, DF24001 will make alarm.

### 5. Advanced Fleet Fatigue Management

When subjected to long shifts, night driving, disrupted or reduced sleep and rapidly changing schedules, the brain becomes tired and begins to slowly fade – resulting in driver performance levels that fall away very predictably. DF24001 provides better solution for enterprises to fleet fatigue management.

### 6. Output Driver Fatigue Signal or Image to Fleet Management Center

DF24001 can connect with customer's GPS system and send the in-time fatigue signal or image to fleet management center.

### 7. Flexible Solutions for Your Business Needs

We have three versions to meet different customer's need, optional accessories for higher requirements.

### 8. Over Speed Alarm

When DF24001 alarm, the vibration controller in cushion will shake to wake up drivers.

### 9. Insurance Solutions

High cost accidents are unpredictable and difficult to underwrite. With the DF24001 tracking driver real-time, both driver and management are alerted before these events occur avoiding the high cost and severity event.

## ANTI-FATIGUE DRIVING SYSTEM

**Available  
for all kinds  
of vehicles**

**Flexible solutions  
to meet  
your business  
needs**

1. Manage Driver Fatigue
2. Detect Driver Distraction
3. Fully Automatic, Non-contact
4. Real-Time Driver Feedback
5. Remote fleet management



Detect Driver's pupil to determine whether the driver is in fatigue state

